



Spallation Neutron Source Weekly Highlights	Week Ending: 09/05/2003
	Date Prepared: 09/15/2003
	Prepared By: Ian Anderson
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WBS 1.6 and 1.7, DOE MIE, and Other IDTs	Subproject: Experimental Facilities Div.

Approved by:

September 15, 2003

Name: Ian Anderson
Title: Director,
Experimental Facilities Division

Date

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WBS 1.6 Line Item - Target Systems

- A total of 13 bottom blocks have been installed in the target monolith. Each block weighs about 30 tons and is fitted into position with clearances of less than 0.25 inches on four sides.
- The Target and Beam Dump Utilities cooling loop bellows seal valves (manual and on/off) were shipped on 9/1/03 from Germany and are expected to arrive in the port of Charleston, SC on 9/15/03. The pumps are expected to be available for welding into piping spools in late September 2003.
- The first article for the remotely adjustable Hg pipe supports has been delivered and is being evaluated.
- The thermal hydraulic calculations for the performance of the mercury loop heat exchanger have been submitted by the vendor and are being reviewed.
- The mercury circulation pump completed another successful 24 hour run at the vendor. Performance data taken during the run was submitted, and is being reviewed.

WBS 1.7 Line Item, Instrument Systems

- Interface Control Document 107030501-IC001-R00 (Sample Environment Interface Flanges) has been signed and submitted to SNS document control.
- Several SNS staff attended the DANSE Data Analysis Meeting at Caltech, Pasadena, California.

DOE MIE

- Partially compiled cost-book for SNAP (with the help of instrument engineer Phil Strons).
- Worked on SNAP guide concept review meeting and material (Herwig, Ankner and Abernathy have agreed to look at concept).

Other IDTs

- A review of the CNCS instrument is scheduled for September 9-11, 2003 at Penn State University, State College, PA. Several SNS staff will be attending this review.